

STIC Database Tracking Number:

To: JOSEPH BURGESS
Location: 5A11
Art Unit: 3600
Date: August 30, 2011
Case Serial Number: 10/748,046

From: *Sylvia Keys*
Location: EIC3600
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sylvia.keys@uspto.gov

Search Notes

Dear Examiner-

Please find attached the results of your search for the above-referenced case. The search was conducted in Dialog, the Internet and EBSCO HOST.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

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I. Potential References of Interest

A. Dialog

0 results found.

II. Inventor Search Results from Dialog

31/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0015162424 - Drawing available
WPI ACC NO: 2005-512006/200552
XRPX Acc No: N2005-417836
Computing system method for use in health care industry, involves accessing
list of possible **medications**,
comparing medication list with
medical record, and determining whether match exists between any medication
Patent Assignee: SAUS D M (SAUS-I); VANZANT C J (VANZ-I); WEBB R W
(WEBB-I); WINKEL K J (WINK-I)
Inventor: **SAUS D M; VANZANT C J;**
WEBB R W; WINKEL K J
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
US 20050149361 A1 20050707 US 2003748046 A 20031230 200552 B

Priority Applications (no., kind, date): US 2003748046 A 20031230

Patent Details
Number Kind Lan Pg Dwg Filing Notes
US 20050149361 A1 EN 19 7

Computing system method for use in health care industry, involves accessing list of possible **medications**, **comparing medication** list with medical record, and determining whether match exists between any medication

Original Titles:

System and method for preemptive **determination** of the **potential** for an atypical **clinical event** related to the administering of medication

Inventor: **SAUS** D M...

...**VANZANT C J**...

...**WEBB R W**...

...**WINKEL K J**

Alerting Abstract ...**NOVELTY** - The method involves accessing a list of possible medications administered to a person during a **medical procedure**, and **comparing** the **medication** list to information in person's medical record. A determination component determines whether a match exists between any of the medications included in the list...

...**DESCRIPTION OF DRAWINGS** - The drawing shows a flow diagram illustrating one method for providing information regarding the **potential** for atypical **clinical event** occurrence relating to administering a medication to a patient.

Original Publication Data by Authority

Argentina

Assignee name & address:

Inventor name & address:

Saus, Douglas Michael...

...**Vanzant, Carrie Jeanne**...

...**Webb, Russell William**...

...**Winkel, Kevin John**

Examiner:

Original Abstracts:

Systems and methods provide for the preemptive **determination** of the **potential** of atypical **clinical event** occurrence related to administering of medications to a person. One method involves receiving a list of possible medications that may be administered to the person during a **medical procedure**.

Subsequently, the medication list is compared to information in the

person's medical record. Based on this comparison, a determination is made as to whether one or more matches exist between any of the medications included in the list and the medical record information, the match relating to the **potential** of an atypical **clinical event** occurring if the associated medication were to be administered to the person. If a match in fact exists, a response is outputted relating to each...

Claims:

1. A method in a computing system for preemptive **determination** of the **potential** for atypical **clinical event** occurrence related to the administering of at least one medication to a person having an electronic medical record, comprising the steps of: accessing a list of possible medications that may be administered prior to or during a **medical procedure**; **comparing** the **medication** list to information in a person's medical record; and determining whether at least one match exists between any of the medications included in the list and the record information, the match relating to the **potential** of an atypical **clinical event** occurring if the associated medication were to be administered to the person, and if there is a match, outputting a response relating to each match.

III. Abstract Files from Dialog

A. Abstract Databases

File 2:INSPEC 1898-2011/Aug W3
(c) 2011 The IET

File 35:Dissertation Abs Online 1861-2011/Jul
(c) 2011 ProQuest Info&Learning

File 65:Inside Conferences 1993-2011/Aug 30
(c) 2011 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2011/Jul
(c) 2011 The HW Wilson Co.

File 474:New York Times Abs 1969-2011/Aug 30
(c) 2011 The New York Times

File 475:Wall Street Journal Abs 1973-2011/Feb 14
(c) 2011 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 Gale/Cengage

File 256:TecTrends 1982-2011/Apr W1
(c) 2011 Info.Sources Inc. All rights res.

File 347:JAPIO Dec 1976-2011/MAY(Updated 110824)
(c) 2011 JPO & JAPIO

File 350:Derwent WPIX 1963-2011/UD= 201155
(c) 2011 Thomson Reuters

File 371:French Patents 1961-2002/BOPI 200209
 (c) 2002 INPI. All rts. reserv.
 File 5:Biosis Previews(R) 1926-2011/Aug W3
 (c) 2011 The Thomson Corporation
 File 73:EMBASE 1974-2011/Aug 30
 (c) 2011 Elsevier B.V.
 File 155:MEDLINE(R) 1950-2011/Aug 29
 (c) format only 2011 Dialog
 File 34:SciSearch(R) Cited Ref Sci 1990-2011/Aug W4
 (c) 2011 The Thomson Corp
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 2006 The Thomson Corp

Set	Items	Description
S1	599285	MEDICATION OR MEDICATIONS
S2	25275305	DOSAGE? OR PILL? ? OR PHARMACEUTICAL? OR NARCOTIC? OR DRUG OR DRUGS OR PHARMACEUTICAL? ? OR MEDICINE OR ANESTHESIA? OR A- NAESTHESIA? OR MEDICAMENT? ?
S3	1256659	(S1 OR S2)(8N)(COMPARE OR COMPARES OR COMPARING OR COMPARI- SON? ? OR ASSESS? OR EVALUAT? OR MONITOR?)
S4	154058	(SPECIFIC OR SELECT? OR MEDICAL)(5N)(PROCEDURE OR PROCEDUR- ES)
S5	7822949	SURGERY OR SURGERIES
S6	70663	ALLERGIC(5N)(REACTION OR REACTIONS)
S7	66427	(SENSITIVE OR SENSITIVITY OR HYPERSENSITIVE?)(5N)(REACTION OR REACTIONS)
S8	7935411	CLINICAL()EVENT? ? OR REACTION OR REACTIONS OR CONTRAINDIC- ATION? ?
S9	295503	(S6 OR S8)(8N)(DETERMIN? OR EVALUAT? OR POTENTIAL)
S10	84215	(S6 OR S8)(8N)(DIPLAY OR DISPLAYS OR DISPLAYING OR SHOW OR SHOWS OR SHOWING)
S11	133105	(S6 OR S8)(8N)(PROJECT? ? OR PROJECTION? OR PROJECTING? OR FORECAST? OR PREDICT? ANTICIPAT? OR DETECT? ? OR DETECTION? OR DETECTING)
S12	332683	ELECTRONIC()MEDICAL()RECORD? ? OR EMR OR MEDICAL()RECORD? ?
S13	29081	S12(8N)(COMPARE OR COMPARES OR COMPARING OR COMPARISON? ? - OR ASSESS? OR EVALUAT? OR MONITOR?)
S14	205	S12(8N)(MATCH OR MATCHES OR MATCHING)
S15	61165	(GRAPHIC OR GRAPHICS OR GRAPHICAL)(8N)(SYMBOL OR SYMBOLS OR IMAGE OR IMAGES)
S16	4407973	MILD OR MODERATE OR SEVERE OR SEVERITY OR HARSH
S17	28651362	HIGH OR MEDIUM OR LOW
S18	741501	(S15:S17)(8N)(DIPLAY OR DISPLAYS OR DISPLAYING OR SHOW OR - SHOWS OR SHOWING)
S19	11249	AU=(SAUS, D? OR SAUS D? OR VANZANT, C? OR VANZANT C? OR WE- BB, R? OR WEBB R? OR WINKEL, K? OR WINKEL K? OR DOUGLAS(2N)SA- US OR CARRIE(2N)VANZANT OR RUSSELL(2N)WEBB OR KEVIN(2N)WINKEL)
S20	251730	S3 AND (S4:S5)
S21	1289	S20 AND (S9:S11)
S22	6	S21 AND (S13:S14)
S23	6	RD (unique items)
S24	0	S23 AND S15

S25 0 S23 AND S18
 S26 0 S21 AND S15
 S27 14 S21 AND S18
 S28 14 RD (unique items)
 S29 14 S28 NOT S23
 S30 9 S29 NOT PY> 2003
 S31 1 S19 AND S21

23/3,K/1 (Item 1 from file: 350)
 DIALOG(R)File 350: Derwent WPIX
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0015162424 - Drawing available
 WPI ACC NO: 2005-512006/200552
 XRPX Acc No: N2005-417836
 Computing system method for use in health care industry, involves accessing
 list of possible **medications**,
comparing medication list with
medical record, and determining
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 Patent Assignee: SAUS D M (SAUS-I); VANZANT C J (VANZ-I); WEBB R W
 (WEBB-I); WINKEL K J (WINK-I)
 Inventor: SAUS D M; VANZANT C J; WEBB R W; WINKEL K J
 Patent Family (1 patents, 1 countries)
 Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20050149361	A1	20050707	US 2003748046	A	20031230	200552 B

Priority Applications (no., kind, date): US 2003748046 A 20031230

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20050149361	A1	EN	19	7		

Computing system method for use in health care industry, involves accessing
 list of possible **medications**,
comparing medication list with
medical record, and determining
 whether **match** exists between any medication

Original Titles:
 System and method for preemptive **determination** of the
potential for an atypical **clinical**
event related to the administering of medication

Alerting Abstract ...NOVELTY - The method involves accessing a list of
 possible medications administered to a person during a
medical procedure, and
comparing the **medication** list to
 information in person`s **medical**

record. A determination component determines whether a **match** exists between any of the medications included in the list and the record information. An outputting component outputs a response relating to each match....DESCRIPTION OF DRAWINGS - The drawing shows a flow diagram illustrating one method for providing information regarding the **potential** for atypical **clinical event** occurrence relating to administering a medication to a patient.
Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

Systems and methods provide for the preemptive

< B> determination of the **potential** of

atypical **clinical event** occurrence

related to administering of medications to a person. One method involves receiving a list of possible medications that may be administered to the person during a **medical procedure**.

Subsequently, the medication list is compared to information in the person's **medical record**. Based on

this **comparison**, a determination is made as to whether

one or more matches exist between any of the medications included in the list and the **medical record**

information, the **match** relating to the

potential of an atypical **clinical**

event occurring if the associated medication were to be

administered to the person. If a match in fact exists, a response is outputted relating to each...

Claims:

1. A method in a computing system for preemptive

determination of the **potential** for

atypical **clinical event** occurrence

related to the administering of at least one medication to a person having an electronic medical record, comprising the steps of: accessing a list of possible medications that may be administered prior to or during a

medical procedure;

comparing the **medication** list to

information in a person's **medical**

record; and determining whether at least one

match exists between any of the medications included in

the list and the record information, the match relating to the

potential of an atypical **clinical**

event occurring if the associated medication were to be

administered to the person, and if there is a match, outputting a response relating to each match.

23/3,K/2 (Item 1 from file: 73)
DIALOG(R)File 73: EMBASE
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0082748553 EMBASE/Medline No: 2008572198

Aprotinin in pediatric neuromuscular scoliosis **surgery**

Kasimian S.; Skaggs D.L.; Sankar W.N.; Farlo J.; Goodarzi M.; Tolo V.T.
Children's Hospital Los Angeles, 4650 Sunset Boulevard #69, Los Angeles,
CA 90027, United States

AUTHOR EMAIL: DSkaggs@chla.usc.edu

CORRESP. AUTHOR/AFFIL: Skaggs D. L.: Children's Hospital Los Angeles,
4650 Sunset Boulevard #69, Los Angeles, CA 90027, United States

CORRESP. AUTHOR EMAIL: DSkaggs@chla.usc.edu

European Spine Journal (Eur. Spine J.) (Germany) December 1, 2008,
17/12 (1671-1675)

CODEN: ESJOE ISSN: 0940-6719

DOI: 10.1007/s00586-008-0790-y

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 15

Aprotinin in pediatric neuromuscular scoliosis **surgery**

Reduction of blood transfusions in patients with neuromuscular scoliosis can decrease **potential** complications such as immune suppression, infection, hemolytic **reaction** and viral transmission. Aprotinin (Trasylol SUP (R) , Bayer), an antifibrinolytic, has proven to be effective in reducing blood loss in cardiac and liver **surgery**, but little data exists in patients undergoing spinal fusion for neuromuscular scoliosis. The purpose of this study was to evaluate the safety and efficacy of...

MEDICAL DESCRIPTORS:

*pediatric **surgery**; *postoperative hemorrhage
--complication--co; *postoperative hemorrhage--disease management--dm; *
postoperative hemorrhage--drug therapy--dt; *postoperative hemorrhage
--prevention--pc; *postoperative hemorrhage--therapy--th; *scoliosis
--disease management--dm; *scoliosis--drug therapy--dt; *scoliosis--
surgery--su; *spine fusion
...drug cost; drug efficacy; drug safety; erythrocyte concentrate;
erythrocyte transfusion; health care cost; heart muscle ischemia--side
effect--si; human; kidney failure--side effect--si;
medical record review; operation duration; outcome
assessment; **pharmaceutical** care;
priority journal; treatment outcome; wound drainage

ORIG. DESCRIPTORS:

MEDICAL TERMS (UNCONTROLLED): neuromuscular scoliosis--disease management
--dm; neuromuscular scoliosis--drug therapy--dt; neuromuscular scoliosis--
surgery--su

SECTION HEADINGS:

Pediatrics and Pediatric **Surgery**
Orthopedic **Surgery**

Health Policy, Economics and Management
Drug Literature Index
Adverse Reactions Titles

23/3,K/3 (Item 2 from file: 73)
DIALOG(R) File 73: EMBASE
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0081152953 EMBASE/Medline No: 2006215094

5-Year **evaluation** of **electronic**
medical record flag alerts for
patients warranting secondary prevention of coronary heart disease
Whitley H.P.; Fermo J.D.; Chumney E.C.G.
Department of Pharmacy and Clinical Sciences, South Carolina College of
Pharmacy, Charleston, SC, United States; University Diagnostic Center,
South Carolina College of Pharmacy, Charleston, SC, United States; South
Carolina College of Pharmacy, University Diagnostic Center, 135 Rutledge
Avenue, Charleston, SC 29425, United States
CORRESP. AUTHOR/AFFIL: Whitley H.P.: South Carolina College of Pharmacy,
University Diagnostic Center, 135 Rutledge Avenue, Charleston, SC 29425,
United States

Pharmacotherapy (Pharmacotherapy) (United States) May 1, 2006, 26/5 I
(682-688)
CODEN: PHPYD ISSN: 0277-0008
DOI: 10.1592/phco.26.5.682
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 28

5-Year **evaluation** of **electronic**
medical record flag alerts for
patients warranting secondary prevention of coronary heart disease
MEDICAL DESCRIPTORS:
adult; aged; article; dose calculation; **drug**
contraindication; drug cost;
evaluation; female; follow up; goal attainment; human;
major clinical study; male; patient compliance; point of care testing;
practice guideline; side effect--side effect--si; treatment failure...
ORIG. DESCRIPTORS:
SECTION HEADINGS:
Public Health, Social Medicine and Epidemiology
Cardiovascular Diseases and Cardiovascular **Surgery**
Health Policy, Economics and Management
Drug Literature Index
Adverse Reactions Titles

23/3,K/4 (Item 3 from file: 73)
DIALOG(R)File 73: EMBASE
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0080482494 EMBASE/Medline No: 2005126652

Assessment of oral bisphosphonate use in elderly patients with varying degrees of kidney function

Linnebur S.A.; Milchak J.L.

Department of Clinical Pharmacy, Univ. of Colorado Health Sci. Center,
4200 East Ninth Avenue, Denver, CO 80262-0238, United States

AUTHOR EMAIL: sunny.linnebur@uchsc.edu

CORRESP. AUTHOR/AFFIL: Linnebur S.A.: Univ. of Colorado Health Sci.
Center, Department of Clinical Pharmacy, 4200 East Ninth Avenue, Denver, CO
80262-0238, United States

CORRESP. AUTHOR EMAIL: sunny.linnebur@uchsc.edu

American Journal Geriatric Pharmacotherapy (Am. J. Geriatr.
Pharmacother.) (United States) December 1, 2004, 2/4 (213-218)

CODEN: AJGPB ISSN: 1543-5946

PUBLISHER ITEM IDENTIFIER: S154359460400025X

DOI: 10.1016/j.amjopharm.2004.10.001

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 24

...Clinic during the period January 1999 through March 2003. Data on age, sex, body weight, height, blood urea nitrogen and serum creatinine concentrations, and adverse-**reaction** history were collected. Clinic notes were reviewed to **determine** whether patients had taken an oral bisphosphonate previously or whether bisphosphonate therapy was initiated during the study period. The Cockcroft-Gault equation was used to...

MEDICAL DESCRIPTORS:

...gastrointestinal disease--side effect--si; gastrointestinal reflux--side effect--si; hospitalization; human; hypertension--side effect--si; information processing; kidney function; major clinical study; male; medical **assessment**; medical **record**; osteopenia--**drug** therapy--dt; prescription; priority journal; retrospective study; review; sex difference; United States; university hospital

ORIG. DESCRIPTORS:

SECTION HEADINGS:

Gerontology and Geriatrics

Urology and Nephrology

Orthopedic **Surgery**

Drug Literature Index

Adverse Reactions Titles

23/3,K/5 (Item 4 from file: 73)
DIALOG(R)File 73: EMBASE
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0079798009 EMBASE/Medline No: 2003508728
Cigarette Smoking and Decompression Illness Severity: A Retrospective Study in Recreational Divers
Buch D.A.; El Moalem H.; Dovenbarger J.A.; Uguccioni D.M.; Moon R.E.
AUTHOR EMAIL: richard.moon@duke.edu
CORRESP. AUTHOR/AFFIL: Moon R.E.: Dept. of Anesthesiology, Box 3094, Duke University Medical Center, Durham, NC 27710, United States
CORRESP. AUTHOR EMAIL: richard.moon@duke.edu

Aviation Space and Environmental Medicine (Aviat. Space Environ. Med.)
(United States) December 1, 2003, 74/12 (1271-1274)
CODEN: ASEMC ISSN: 0095-6562
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 6

MEDICAL DESCRIPTORS:

anamnesis; article; balance disorder; bladder dysfunction; classification;
clinical feature; consciousness disorder; controlled study; convulsion;
correlation analysis; disease severity; diver; diving--adverse
drug reaction--ae;
evaluation; gas embolism; hospitalization; human; major
clinical study; **medical record**;
muscle weakness; neurologic disease; pain; pathology; retrospective study;
risk; risk factor; skin manifestation; smoking--adverse drug reaction--ae;
statistical analysis; symptom; visual disorder

ORIG. DESCRIPTORS:

SECTION HEADINGS:

Chest Diseases, Thoracic **Surgery** and Tuberculosis
Public Health, Social Medicine and Epidemiology
Internal Medicine

23/3,K/6 (Item 5 from file: 73)
DIALOG(R)File 73: EMBASE
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0069026109 EMBASE/Medline No: 16048221
Leg wound infections following cardiac **surgery**: a
scoring system for assessment and management.

Elahi M.M.; Haesey A.M.; Graham K.C.; Battula N.R.; Manketlow B.;
Dhannapuneni R.R.; Hickey M.S.
Department of Cardiothoracic Surgery, Glenfield Hospital, Leicester, UK.
CORRESP. AUTHOR/AFFIL: Elahi M.M.: Department of Cardiothoracic Surgery,
Glenfield Hospital, Leicester, UK.

Journal of wound care (J Wound Care) (United Kingdom) July 1, 2005,
14/7 (337-340)
ISSN: 0969-0700
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract
FILE SEGMENT: Medline
LANGUAGE: English

Leg wound infections following cardiac **surgery**: a
scoring system for assessment and management.

OBJECTIVE: Well-defined criteria are needed to provide guidance for the
appropriate management of leg wounds following saphenous vein harvest in
coronary artery bypass graft **surgery** (CABG). METHOD: A
score named DISINFECT was devised to carefully define the variables to be
considered for assessing saphenous vein harvest wounds. RESULTS: This
preliminary...

MEDICAL DESCRIPTORS:

* coronary artery bypass graft--adverse **drug** reaction--ae
; * hospitalization; * leg; * nursing **assessment**; *
saphenous vein; * surgical infection--diagnosis--di; * surgical infection
--etiology--et; * surgical infection--therapy--th
abscess; aged; article; classification; exudate; female; human; male;
medical record; methodology; middle
aged; nursing; nursing **evaluation** research; observer
variation; prediction and **forecasting**; risk factor; skin
care; standard; transplantation--adverse drug **reaction**
--ae; validation study; vascularization; wound healing
ORIG. DESCRIPTORS:

30/3,K/1 (Item 1 from file: 73)
DIALOG(R)File 73: EMBASE
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0079018326 EMBASE/Medline No: 2002182023
Treatment of alcoholic hepatitis
Maher J.J.
Liver Center Laboratory, San Francisco General Hospital, Building 40,
1001 Potrero Avenue, San Francisco, CA 94110, United States
CORRESP. AUTHOR/AFFIL: Maher J.J.: Liver Center Laboratory, San Francisco
General Hospital, Building 40, 1001 Potrero Avenue, San Francisco, CA 94110
, United States
CORRESP. AUTHOR EMAIL: jmaher@medsfgh.ucsf.edu

Journal of Gastroenterology and Hepatology (J. Gastroenterol. Hepatol.)
(Australia) June 3, 2002, 17/4 (448-455)
CODEN: JGHEE ISSN: 0815-9319

DOI: 10.1046/j.1440-1746.2002.02722.x

DOCUMENT TYPE: Journal; Conference Paper RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 47

...for alcoholic hepatitis, they are not recommended for all patients at risk. Consequently, other agents are being tested that have broader applicability to individuals with **contraindications** to steroids. In this regard, pentoxifylline **shows** some promise, as does enteral feeding with **medium** chain triglycerides. Independent efforts are also being directed toward treatment of chronic alcoholic liver disease and alcoholic cirrhosis. Anti-oxidants have received the greatest attention...

30/3,K/2 (Item 2 from file: 73)

DIALOG(R)File 73: EMBASE

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0076808326 EMBASE/Medline No: 1997101298

3-(4-chlorophenyl)-2-(4-diethylaminoethoxyphenyl)-A-pentenitrile monohydrogen citrate and related analogs. Reversible, competitive, first half-reaction squalene synthetase inhibitors

Harwood Jr. H.J.; Barbacci-Tobin E.G.; Petras S.F.; Lindsey S.; Pellarin L.D.

Department of Metabolic Diseases, Pfizer Central Research, Pfizer Inc., Eastern Point Road, Groton, CT 06340, United States

CORRESP. AUTHOR/AFFIL: Harwood Jr. H.J.: Department of Metabolic Diseases, Pfizer Central Research, Pfizer Inc., Eastern Point Road, Groton, CT 06340, United States

Biochemical Pharmacology (BIOCHEM. PHARMACOL.) (United States) March 21, 1997, 53/6 (839-864)

CODEN: BCPA ISSN: 0006-2952

PUBLISHER ITEM IDENTIFIER: S0006295296008921

DOI: 10.1016/S0006-2952(96)00892-1

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 84

...the various carbocations that develop in the C1-C3 region of the acceptor FPP during reaction. Members of this series of reversible, competitive, first half-**reaction** SQS inhibitors that **show** a **high** degree of specificity for SQS inhibition relative to inhibition of other FPP-utilizing enzymes and other cholesterol synthesis pathway enzymes may serve as useful tools...

DRUG DESCRIPTORS:

* squalene synthase--endogenous compound--ec; * stilbene derivative--

drug analysis--an; * stilbene derivative--

drug comparison--cm; * stilbene

derivative--**drug** development--dv

ketoconazole--**drug comparison**--cm;

unclassified **drug**

MEDICAL DESCRIPTORS:

DRUG TERMS (UNCONTROLLED): 3 (4 chlorophenyl) 2 (4 diethylaminoethoxyphenyl) 2 pentenonitrile--drug analysis--an; 3 (4 chlorophenyl) 2 (4 diethylaminoethoxyphenyl) 2 pentenonitrile--**drug comparison**--cm; 3 (4 chlorophenyl) 2 (4 diethylaminoethoxyphenyl) 2 pentenonitrile--drug development--dv; p 3622

SECTION HEADINGS:

Cardiovascular Diseases and Cardiovascular **Surgery**
Clinical and Experimental Biochemistry
Drug Literature Index

30/3,K/3 (Item 3 from file: 73)

DIALOG(R) File 73: EMBASE

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0075786945 EMBASE/Medline No: 1994221093

Artemether in moderately severe and cerebral malaria in Nigerian children
Salako L.A.; Walker O.; Sowunmi A.; Omokbodon S.J.; Adio R.; Oduola A.M.J.

National Inst for Medical Research, 6 Edmond Cresc, Murtala Mohammed Way,
Yaba, Lagos, Nigeria

CORRESP. AUTHOR/AFFIL: Salako L.A.: National Inst for Medical Research, 6
Edmond Cresc, Murtala Mohammed Way, Yaba, Lagos, Nigeria

Transactions of the Royal Society of Tropical Medicine and Hygiene (
TRANS. R. SOC. TROP. MED. HYG.) (United Kingdom) July 21, 1994,
88/SUPPL. 1 (S13-S15)

CODEN: TRSTA ISSN: 0035-9203

DOCUMENT TYPE: Journal; Conference Paper RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

...in the quinine group. Artemether was well tolerated. There was no abnormal change in haematological and biochemical features monitored and there was no adverse clinical **reaction**. These results **show** that artemether is a potentially useful drug for **moderate** and severe malaria and its place in the chemotherapy of malaria deserves further study.

DRUG DESCRIPTORS:

* artemether--clinical trial--ct; * artemether--**drug** comparison--cm; * artemether--**drug** therapy--dt; * fansidar --clinical trial--ct; * fansidar--**drug** **comparison**--cm; * fansidar--**drug** therapy--dt
quinine--**drug comparison**--cm; quinine --**drug** therapy--dt

MEDICAL DESCRIPTORS:

SECTION HEADINGS:

Drug Literature Index

Microbiology: Bacteriology, Mycology, Parasitology and Virology

Pediatrics and Pediatric **Surgery**

Neurology and Neurosurgery

30/3,K/4 (Item 4 from file: 73)

DIALOG(R) File 73: EMBASE

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0072928777 EMBASE/Medline No: 1985084193

The aggravating effect of dehydration on pulmonary edema induced by ionic and nonionic contrast media

Zack A.; Mare K.; Violante M.

Department of Diagnostic Radiology, University of Rochester Medical

Center, Rochester, NY 14642, United States:

CORRESP. AUTHOR/AFFIL: Department of Diagnostic Radiology, University of Rochester Medical Center, Rochester, NY 14642, United States

Investigative Radiology (INVEST. RADIOL.) (United States) May 8, 1985
, 20/2 (212-216)

CODEN: INVRA ISSN: 0020-9996

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English

...in significant pulmonary edema formation with iohexol, and enhanced edema with diatrizoate; the same magnitude of response is not seen in euhydrated rats. These results **show** that patients susceptible to **severe** contrast **reactions** should be well-hydrated and preferably given a nonionic agent when contrast material must be administered.

MEDICAL DESCRIPTORS:

* adverse **drug** reaction; * dehydration; *

drug comparison; * lung edema; * lung toxicity

ORIG. DESCRIPTORS:

SECTION HEADINGS:

Radiology

Chest Diseases, Thoracic **Surgery** and Tuberculosis

Drug Literature Index

Adverse Reactions Titles

30/3,K/5 (Item 5 from file: 73)

DIALOG(R)File 73: EMBASE
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0071754926 EMBASE/Medline No: 1980008935
Anticoagulation in venous affections
ANTIKOAGULATION BEI VENOSEN GEFASSERKRANKUNGEN
Heinrich F.; Burkhardt H.
Med. Klin., Krankenh. Furst-Stirum-Stiftung, Bruchsal, Germany:
CORRESP. AUTHOR/AFFIL: Med. Klin., Krankenh. Furst-Stirum-Stiftung,
Bruchsal, Germany

Therapiewoche (THERAPIEWOCHE) (Germany) December 1, 1979, 29/39
(6348-6356)
CODEN: THEWA ISSN: 0040-5973
DOCUMENT TYPE: Journal RECORD TYPE: Abstract
LANGUAGE: German

...the later course of the affection can begin their work undisturbed. In this way a post-thrombotic syndrome can be prevented or be made less **severe**. A comparison with the pertinent literature **shows** that the use of streptokinase in the early stage of venous thrombosis is superior to anticoagulation therapy with regard to disobliteration and avoidance of lung...

...an episode of thrombosis, if anticoagulant therapy is used, not only must the Quick values be constantly checked, but also systematic checking for the early **detection** of complications and fresh **contraindications** must be instituted.

MEDICAL DESCRIPTORS:
blood and hemopoietic system; **drug**
comparison; embolectomy; intravenous
drug administration; peripheral vascular system;
subcutaneous **drug** administration; therapy
ORIG. DESCRIPTORS:
SECTION HEADINGS:
Cardiovascular Diseases and Cardiovascular **Surgery**
Gerontology and Geriatrics
Drug Literature Index
Internal Medicine
Surgery

30/3,K/6 (Item 6 from file: 73)
DIALOG(R)File 73: EMBASE
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0070341773 EMBASE/Medline No: 1975125597
Dextran 40

Data J.L.; Nies A.S.
Div. Clin. Pharmacol., Sch. Med., Vanderbilt Univ., Nashville, Tenn.,
United States:
CORRESP. AUTHOR/AFFIL: Div. Clin. Pharmacol., Sch. Med., Vanderbilt
Univ., Nashville, Tenn., United States

Annals of Internal Medicine (ANN. INTERN. MED.) December 1, 1974, 81/4
(500-504)
CODEN: AIMEA ISSN: 0003-4819
DOCUMENT TYPE: Journal RECORD TYPE: Abstract
LANGUAGE: English

...clearly show its superiority over other solutions have been published.
It is being used increasingly for prophylactic antithrombotic therapy in
surgical patients who are at **high** risk of thromboembolic
complications, and comparative studies **show** it to be as
effective as warfarin for this purpose. But its dangerous and potentially
fatal side effects should be known to the **potential**
user. These include anaphylaxis and other **allergic**
reactions, hypervolemia, renal failure, and a bleeding
diathesis. These side effects may be overlooked because they can be easily
ascribed to the condition for which the...

MEDICAL DESCRIPTORS:

* adverse **drug** reaction; * allergic reaction; *
anaphylactic shock; * bleeding tendency; * **drug**
comparison; * extracorporeal circulation; * hypervolemia;
* internal **medicine**; * kidney failure; * plasma volume; *
preventive medicine; * shock; * **surgery**; * thromboembolism
ORIG. DESCRIPTORS:

30/3,K/7 (Item 7 from file: 73)
DIALOG(R) File 73: EMBASE
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0066585912 EMBASE/Medline No: 2700701
Biocompatibility of crown and bridge materials. 1. Substances in contact
with dentin
Biokompatibilität zahnärztlicher Materialien. Teil 1. Substanzen mit
Dentinkontakt.
Klotzer W.T.
CORRESP. AUTHOR/AFFIL: Klotzer W.T.

Deutsche zahnärztliche Zeitschrift (Dtsch Zahnärztl Z) (Germany)
November 1, 1989, 44/11 (822-825)
ISSN: 0012-1029
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
FILE SEGMENT: Medline

LANGUAGE: German
NUMBER OF REFERENCES: 58

...in potential tooth loss or irreversible damage to vital dental tissues. Up to now there have been no reliable in vitro methods available for the **evaluation** of pulp **reactions**.

Since numerous different materials and **drugs** are successively applied to prepared dentine, pulp reactions are caused by cumulative action, and the causative factors, except for extremely toxic substances, cannot be revealed by clinical and/or posttreatment studies alone. At present, the **evaluation** of pulp **reactions** must still rely on histologic studies using human or animal teeth. Reports on pulp reactions to materials and drugs are reviewed. Few dependable figures have...

...by the heat generated during setting, and chronic reactions due to the stimulation of bacterial growth. Except for glass ionomer cements, most of the publications **show** a **high** degree of agreement on the tissue **reactions** to luting agents. Regarding dentine bonding agents, however, it has not been possible to draw any conclusions, so far.

MEDICAL DESCRIPTORS:

dental **surgery**--adverse drug reaction--ae; dentin; drug effect; human; review

ORIG. DESCRIPTORS:

30/3,K/8 (Item 1 from file: 155)
DIALOG(R)File 155: MEDLINE(R)
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11480050 PMID: 8039452

[The clinical significance of the ajmaline test in the noninvasive diagnosis of the Wolff-Parkinson-White syndrome].

Klinische Bedeutung des Ajmalin-Tests in der nicht-invasiven Diagnostik bei Wolff-Parkinson-White-Syndrom.

Neuzner J; Pitschner H F; Jakob H; Schlepper M

Kerckhoff-Klinik, Max-Planck-Gesellschaft, Bad Nauheim.

Deutsche medizinische Wochenschrift (1946) (GERMANY) Jul 15 1994, 119 (28-29) p985-9, ISSN 0012-0472--Print 0012-0472--Linking
Journal Code: 0006723

Publishing Model Print; Comment in Dtsch Med Wochenschr. 1995 Mar 3;120(9):311-3 PMID 7875083

Document type: English Abstract; Journal Article

Languages: GERMAN

Main Citation Owner: NLM

Record type: MEDLINE; Completed

... refractory time was 33.3%, specificity 89.4%, while the corresponding values were 40.6% and 92.3% for the detection of accessory pathways with **high** conduction capacity in atrial fibrillation. These data **show** that the ajmaline test is not useful for estimating the electrophysiological characteristics of the accessory pathways. It is thus of only subordinate diagnostic value in...

; Adult; Ajmaline--administration and dosage--AD; Atrioventricular Node--abnormalities--AB; Atrioventricular Node--physiopathology--PP; Atrioventricular Node--**surgery**--SU; Catheter Ablation; Electrocardiography--**drug** effects--DE; **Evaluati**
on Studies as Topic; Humans; Middle Aged;
Reaction Time--**drug** effects--DE;
Reaction Time--physiology--PH; Sensitivity and Specificity;
Wolff-Parkinson-White Syndrome--physiopathology--PP; Wolff-Parkinson-White Syndrome--**surgery**--SU

30/3,K/9 (Item 2 from file: 155)
DIALOG(R)File 155: MEDLINE(R)
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08047946 PMID: 3993463
New low-bleed implant--Silastic II.
Barker D E; Retsky M; Searles S L
Aesthetic plastic surgery (UNITED STATES) 1985, 9 (1) p39-41,
ISSN 0364-216X--Print 0364-216X--Linking Journal Code: 7701756
Publishing Model Print
Document type: Comparative Study; Journal Article; Research Support,
Non-U.S. Gov't
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

... been tested both clinically and experimentally. In the guinea pig, two-thirds of the capsules are thin; there is less inflammation and less foreign body **reaction** than we have seen in previous implants. **Evaluations** by various investigators **show** good patient and surgeon acceptance of the new **low**-bleed implants.

; Animals; Breast--**surgery**--SU; **Drug**< / B> **Evaluation; Drug Evaluatio**
n, Preclinical; Guinea Pigs; Humans; Silicone Elastomers--adverse
effects--AE; Time Factors

31/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0015162424 - Drawing available
WPI ACC NO: 2005-512006/200552

XRPX Acc No: N2005-417836

Computing system method for use in health care industry, involves accessing list of possible **medications**, **comparing medication** list with

medical record, and determining whether match exists between any medication

Patent Assignee: SAUS D M (SAUS-I); VANZANT C J (VANZ-I); WEBB R W

(WEBB-I); WINKEL K J (WINK-I)

Inventor: **SAUS D M**; **VANZANT C J**;

WEBB R W; **WINKEL K J**

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
--------	------	------	--------	------	------	--------

US 20050149361	A1	20050707	US 2003748046	A	20031230	200552 B
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Priority Applications (no., kind, date): US 2003748046 A 20031230

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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US 20050149361	A1	EN	19	7		
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Computing system method for use in health care industry, involves accessing list of possible **medications**,

comparing medication list with

medical record, and determining whether match exists between any medication

Original Titles:

System and method for preemptive **determination** of the

potential for an atypical **clinical**

event related to the administering of medication

Inventor: **SAUS D M**...

...**VANZANT C J**...

...**WEBB R W**...

...**WINKEL K J**

Alerting Abstract ...NOVELTY - The method involves accessing a list of possible medications administered to a person during a

medical procedure, and

comparing the **medication** list to

information in person`s medical record. A determination component

determines whether a match exists between any of the medications included in the list...

...DESCRIPTION OF DRAWINGS - The drawing shows a flow diagram illustrating one method for providing information regarding the

potential for atypical **clinical**

event occurrence relating to administering a medication

to a patient.

Original Publication Data by Authority

Argentina

Assignee name & address:
Inventor name & address:
Saus, Douglas Michael...

Examiner:

Original Abstracts:

Systems and methods provide for the preemptive

determination of the **potential** of

atypical **clinical event** occurrence

related to administering of medications to a person. One method involves

receiving a list of possible medications that may be administered to the

person during a **medical procedure**.

Subsequently, the medication list is compared to information in the

person's medical record. Based on this comparison, a determination is made

as to whether one or more matches exist between any of the medications

included in the list and the medical record information, the match relating

to the **potential** of an atypical

clinical event occurring if the

associated medication were to be administered to the person. If a match in

fact exists, a response is outputted relating to each...

Claims:

1. A method in a computing system for preemptive

determination of the **potential** for

atypical **clinical event** occurrence

related to the administering of at least one medication to a person having

an electronic medical record, comprising the steps of: accessing a list of

possible medications that may be administered prior to or during a

medical procedure;

comparing the **medication** list to

information in a person's medical record; and determining whether at least

one match exists between any of the medications included in the list and

the record information, the match relating to the

potential of an atypical **clinical**

event occurring if the associated medication were to be

administered to the person, and if there is a match, outputting a response

relating to each match.

IV. Fulltext Files from Dialog

A. Fulltext Databases

File 149:TGG Health&Wellness DB(SM) 1976-2011/Aug W3
(c) 2011 Gale/Cengage
File 444:New England Journal of Med. 1985-2011/May W3
(c) 2011 Mass. Med. Soc.
File 2:INSPEC 1898-2011/Aug W3
(c) 2011 The IET
File 35:Dissertation Abs Online 1861-2011/Jul
(c) 2011 ProQuest Info&Learning
File 65:Inside Conferences 1993-2011/Aug 30
(c) 2011 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2011/Jul
(c) 2011 The HW Wilson Co.
File 474:New York Times Abs 1969-2011/Aug 30
(c) 2011 The New York Times
File 475:Wall Street Journal Abs 1973-2011/Feb 14
(c) 2011 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 Gale/Cengage
File 256:TecTrends 1982-2011/Apr W1
(c) 2011 Info.Sources Inc. All rights res.
File 347:JAPIO Dec 1976-2011/MAY(Updated 110824)
(c) 2011 JPO & JAPIO
File 350:Derwent WPIX 1963-2011/UD= 201155
(c) 2011 Thomson Reuters
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	206632	MEDICATION OR MEDICATIONS
S2	2859263	DOSAGE? OR PILL? ? OR PHARMACEUTICAL? OR NARCOTIC? OR DRUG OR DRUGS OR PHARMACEUTICAL? ? OR MEDICINE OR ANESTHESIA? OR A- NAESTHESIA? OR MEDICAMENT? ?
S3	70267	(S1 OR S2)(8N)(COMPARE OR COMPARES OR COMPARING OR COMPARI- SON? ? OR ASSESS? OR EVALUAT? OR MONITOR?)
S4	54198	(SPECIFIC OR SELECT? OR MEDICAL)(5N)(PROCEDURE OR PROCEDUR- ES)
S5	389434	SURGERY OR SURGERIES
S6	26612	ALLERGIC(5N)(REACTION OR REACTIONS)
S7	9238	(SENSITIVE OR SENSITIVITY OR HYPERSENSITIVE?)(5N)(REACTION OR REACTIONS)
S8	2061131	CLINICAL()EVENT? ? OR REACTION OR REACTIONS OR CONTRAINDIC- ATION? ?
S9	69697	(S6 OR S8)(8N)(DETERMIN? OR EVALUAT? OR POTENTIAL)
S10	24997	(S6 OR S8)(8N)(DIPLAY OR DISPLAYS OR DISPLAYING OR SHOW OR SHOWS OR SHOWING)
S11	33467	(S6 OR S8)(8N)(PROJECT? ? OR PROJECTION? OR PROJECTING? OR FORECAST? OR PREDICT? ANTICIPAT? OR DETECT? ? OR DETECTION? OR

DETECTING)

S12 82250 ELECTRONIC()MEDICAL()RECORD? ? OR EMR OR MEDICAL()RECORD? ?

S13 2034 S12(8N)(COMPARE OR COMPARES OR COMPARING OR COMPARISON? ? -
OR ASSESS? OR EVALUAT? OR MONITOR?)

S14 110 S12(8N)(MATCH OR MATCHES OR MATCHING)

S15 54375 (GRAPHIC OR GRAPHICS OR GRAPHICAL)(8N)(SYMBOL OR SYMBOLS OR
IMAGE OR IMAGES)

S16 620443 MILD OR MODERATE OR SEVERE OR SEVERITY OR HARSH

S17 14034902 HIGH OR MEDIUM OR LOW

S18 350352 (S15:S17)(8N)(DIPLAY OR DISPLAYS OR DISPLAYING OR SHOW OR -
SHOWS OR SHOWING)

S19 3031 AU= (SAUS, D? OR SAUS D? OR VANZANT, C? OR VANZANT C? OR WE-
BB, R? OR WEBB R? OR WINKEL, K? OR WINKEL K? OR DOUGLAS(2N)SA-
US OR CARRIE(2N)VANZANT OR RUSSELL(2N)WEBB OR KEVIN(2N)WINKEL)

S20 2155 S3(S)(S4:S5)

S21 13 S20(S)(S9:S11)

S22 1 S21(S)(S13:S14)

S23 0 S21(S)(S15 OR S18)

S24 13 RD S21 (unique items)

S25 3 S24 NOT PY> 2003

S26 0 S19(S)S20

YOUR CASE

22/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0015162424 - Drawing available
WPI ACC NO: 2005-512006/200552
XRPX Acc No: N2005-417836
Computing system method for use in health care industry, involves accessing
list of possible medications, comparing medication list with medical
record, and determining whether match exists between any medication
Patent Assignee: SAUS D M (SAUS-I); VANZANT C J (VANZ-I); WEBB R W
(WEBB-I); WINKEL K J (WINK-I)
Inventor: SAUS D M; VANZANT C J; WEBB R W; WINKEL K J
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
US 20050149361 A1 20050707 US 2003748046 A 20031230 200552 B

Priority Applications (no., kind, date): US 2003748046 A 20031230

Patent Details
Number Kind Lan Pg Dwg Filing Notes
US 20050149361 A1 EN 19 7

Original Publication Data by Authority

Argentina

Assignee name & address:

Claims:

...list of possible medications that may be administered prior to or during a medical procedure; comparing the medication list to information in a person's **medical record**; and determining whether at least one **match** exists between any of the medications included in the list and the record information, the match relating to the **potential** of an atypical **clinical event** occurring if the associated medication were to be administered to the person, and if there is a match, outputting a response relating to each match.

25/3,K/1 (Item 1 from file: 149)

DIALOG(R) File 149: TGG Health&Wellness DB(SM)

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01940440 SUPPLIER NUMBER: 65864067 (USE FORMAT 7 OR 9 FOR FULL TEXT)

PRE-OPportunity Knocks: A Different Way to Think About the Preoperative Evaluation.

PALDA, VALERIE

American Family Physician, 62, 2, 308

July 15,

2000

PUBLICATION FORMAT: Magazine/Journal; Refereed ISSN: 0002-838X

LANGUAGE: English RECORD TYPE: Fulltext TARGET AUDIENCE: Professional

WORD COUNT: 910 LINE COUNT: 00080

... patient is very unlikely to have severe aortic stenosis.(3) If these criteria are not met, an echocardiogram will help assess the problem.

Upcoming elective **surgery** therefore represents an opportunity to carefully evaluate whether the patient needs a procedural intervention, and it is also an opportunity to address medical therapy. There is reasonably good evidence to **show** that among patients with no **contraindications**, beta blockers such as atenolol **show** a cardioprotective effect in the perioperative period.(4) Many patients with indications for therapy with beta blockers (hypertension, postmyocardial infarction, angina) may not be receiving these agents. This situation can be considered in the pre-operative **evaluation**.

Other **medications** also should be **evaluated** preoperatively: aspirin therapy should be discontinued at least one week before surgery. Anticoagulants should be discontinued before surgery or switched to heparin at the time...

25/3,K/2 (Item 2 from file: 149)

DIALOG(R) File 149: TGG Health&Wellness DB(SM)

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01659867 SUPPLIER NUMBER: 18977814 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Fetal tissue transplantation for the treatment of Parkinson's disease: a review of the literature.

Chisholm, Anne H.

Journal of Neuroscience Nursing, v28, n5, p329(10)

Oct,

1996

PUBLICATION FORMAT: Magazine/Journal ISSN: 0888-0395 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE: Professional

WORD COUNT: 7055 LINE COUNT: 00591

... into four cannula tracks in the caudate and six tracks in the putamen all placed approximately 4 mm apart. The patient did not receive immunosuppressive **drugs**.

The patient was **evaluated** using a specially designed home-bound computer system which measured speed of walking, turning and hand motion and hand **reaction** times. He also underwent **evaluation** using the Hoehn & Yahr scale and the United Parkinsonism Rating Scale for motor performance and activities of daily living. PET scans were done both preoperatively...

...procedure. At 6 months after the transplant the patient showed 30% improvement in hand motion and 49% improvement in walking speed compared to pre-op **evaluations**. His **dosage** of antiparkinson **drugs** was also able to be reduced. Postoperative PET scans showed an increase in (sup.18)F-dopa uptake in the grafted putamen. The investigators also...

...of rapid alternating movements and in other noted on the side opposite the grafted tissue. He was able to walk about 17% faster than before **surgery**. His speech improved in volume and clarity. Drug doses continued to be reduced to some extent. Reaction time was unaffected. Nearly four years after transplant...

25/3,K/3 (Item 3 from file: 149)

DIALOG(R)File 149: TGG Health&Wellness DB(SM)

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01250994 SUPPLIER NUMBER: 09005920 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Ascertainment of risk of serious adverse reactions associated with chemoprophylactic antimalarial drugs.

Phillips-Howard, P.A.; Bjorkman, A.B.

Bulletin of the World Health Organization, v68, n4, p493(12)

July-August,

1990

PUBLICATION FORMAT: Magazine/Journal ISSN: 0042-9686 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE: Professional
WORD COUNT: 5710 LINE COUNT: 00638

...ABSTRACT: the newer drugs, serious adverse reactions have been reported, ranging from transient nausea and vomiting to more serious outcomes, including death. Five problems prevented the **determination** of risk of adverse **reactions** to these malaria drugs: lack of awareness of early alerts; inadequate use of national registers; poor attention to epidemiological data; inadequate verification; and inadequate records...

...have been related to: changes in drug formulation, route of administration, noncompliant usage, individual genetic variance, patient age, pregnancy, drug interactions, and concomitant illness. The **detection** of adverse **drug reactions** involves a phased, **monitored** study examining pharmacokinetics and pharmacologic properties, therapeutic effectiveness, dose determination, safety and efficacy evaluation, and a final long-term postmarketing **evaluation**. Some of the more serious **reactions** have occurred following the use of pyrimethamine-sulphadoxine, pyrimethamine-dapsone, and amodiaquine. Specific methodology for **assessing** the risk of adverse **drug** reactions are described, and recommendations are made for developing a more comprehensive system of risk assessment. These include specific details and steps to be followed during prelicensing management of new drugs or higher doses, and **specific procedures** for licensing and post-licensing management, such as reviews of national registers and monitoring high-risk groups. (Consumer Summary produced by Reliance Medical Information, Inc.)

V. Additional Resources Searched

0 results